

Title (en)

Process for conditioning seeping water in draining systems of tunnels

Title (de)

Verfahren zur Konditionierung von Bergwässern in primären Entwässerungssystemen von Tunnelbauwerken

Title (fr)

Procédé pour le traitement de l'eau d'infiltration dans les systèmes de drainage des tunnels

Publication

**EP 1724240 A1 20061122 (DE)**

Application

**EP 05405349 A 20050517**

Priority

EP 05405349 A 20050517

Abstract (en)

Process for preventing deposits in tunnel construction comprises mixing water conditioning agent to groundwater in secondary part of drainage system and subsequently supplying the groundwater to primary drainage system. Independent claims are included for: (1) a device for preventing depositions in tunnel constructions, comprising a first means, in which water conditioning agent is added with the groundwater in the secondary part of the drainage system and a second means, in which the ground water is supplied to the primary drainage system; and (2) tube lines provided with rotating clips, which are made of steel tape, in the area of openings (15), and with at least one convexity over the openings.

IPC 8 full level

**C02F 5/00** (2006.01)

CPC (source: EP)

**C02F 5/08** (2013.01); **C02F 2103/06** (2013.01)

Citation (search report)

- [X] CH 689452 A5 19990430 - WEGMUELLER MARCEL CHRISTIAN [CH]
- [A] WO 0216731 A2 20020228 - BAYER AG [DE], et al

Cited by

WO2014114517A1; CN106968712A; WO2009092353A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

**EP 1724240 A1 20061122; EP 1724240 B1 20100623**; AT E471918 T1 20100715; DE 502005009793 D1 20100805

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